Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Saturday 21 Jan 2023 until 23:59 on Sunday 22 Jan 2023

Forecast Issued on Friday 20 Jan 2023 at 11:28

Confidence: High confidence for a change over the weekend to milder conditions with cloud and some light rain and a gradual thaw of snow at most levels by early next week. However lower confidence at the timing of the milder air moving south over England. Windy at times over the coming days. Lower confidence for cloud amounts and timings of rainfall.

Headline for Saturday 21 Jan 2023: A dry, bright and sunny day, perhaps more cloud gathering later.

Mountain weather hazards on Saturday 21 Jan 2023

Blizzards Low Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Clear night	Sunny	Sunny	Sunny	Sunny intervals	Sunny intervals
Precipitation probability							
<05%	<05%	<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 21 Jan 2023

Weather: A clear night, some patchy cloud but a frost likely and with fresh southerly winds there will be a considerable windchill at height. A bright start on Saturday with some sunny spells for most of the day, cloud thickening later in the afternoon but remaining dry.

Chance of cloud-free hill tops above 600m: 90%, some patchy cloud around the tops of western hills at times.

Low Cloud and visibility: Some patchy cloud around 600m around western hills mainly in the early morning or late afternoon otherwise very good visibility will allow for great views from height.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Met Office Mountain Weather Forecast

Forecast for Saturday 21 Jan 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/11 SE	7/14 SE	7/15 S	9/18 S	12/18 S	12/19 S	12/22 S	13/23 S	13/23 S
300	3/9 E	2/10 SE	3/10 SE	4/12 SE	7/13 S	7/15 S	6/16 S	5/15 S	5/15 S
Valley	3/8 E	4/8 E	5/10 E	5/11 E	6/14 S	6/14 S	6/15 SE	6/14 SE	6/13 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-1/-4	-1/-5	-2/-6	-2/-6	-1/-6	-1/-6	-2/-8	-2/-8	-3/-8
300	-2/-4	-3/-6	-3/-6	-2/-4	2/-1	1/-2	-2/-5	-2/-5	-2/-5
Valley	-3/-5	-1/-3	-0/-3	-0/-3	3/1	3/1	0/-3	0/-3	0/-3
Freezing Level*	300m	200m	200m	200m	400m	400m	200m	200m	200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A breezy day at times for the Yorkshire Dales with fresh gusts at height enhancing the windchill, a little snow melt can be expected at low levels but generally still winter conditions on the hills.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Fri 20 Jan 2023	0.2mm	0.4mm	0.4mm

Forecast for Sunday 22 Jan 2023

Weather: A cloudy night with the risk of a snow or sleet shower possible before dawn. A cloudy dull day in store with milder conditions beginning to push south on Sunday. Patchy light rain and drizzle will affect western hills at times and snow will begin to melt at lower levels as freezing level rises above summit level. Perhaps a few brighter spells towards eastern areas.

Maximum wind: Southeasterly 10-15mph with gusts 20mph easing gradually.

Chance of cloud-free hill tops above 600m: 60% scattered cloud around hills tops at times, especially for western areas.

Low Cloud and visibility: Layers of scattered cloud above 500m are expected for most of the day in the west, perhaps just patchy cloud above 600m further east across the Yorkshire Dales. Visibility will be hazy at times and it will see at little dull, further east visibility will generally be good. In any heavier drizzle visibility may turn poor for a short time.

Temperature: **Valleys:** Plus 2 rising to 6 Celsius.
At 600m: Minus 2 Celsius rising to plus 2 Celsius.
Freezing level: 300m rising above all summits.

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